



## Complete Summary

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### TITLE

Diagnosis and management of basic infertility: percentage of women treated for infertility where both partners are assessed during the basic infertility work-up.

### SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Diagnosis and management of basic infertility. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2004 Jul. 47 p. [85 references]

## Brief Abstract

### DESCRIPTION

This measure assesses the percentage of women treated for infertility where both partners are assessed during the basic infertility work-up.

### RATIONALE

The priority aim addressed by this measure is to increase the assessment of male partners during the initial infertility work-up.

### PRIMARY CLINICAL COMPONENT

Infertility; male partner assessment; semen analysis

### DENOMINATOR DESCRIPTION

Number of women with a diagnosis of infertility (see the related "Denominator Inclusions/Exclusions" field in the Complete Summary)

### NUMERATOR DESCRIPTION

Number of partners assessed with semen analysis (see the related "Numerator Inclusions/Exclusions" field in the Complete Summary)

## Evidence Supporting the Measure

### PRIMARY MEASURE DOMAIN

Process

## SECONDARY MEASURE DOMAIN

Not applicable

## EVIDENCE SUPPORTING THE MEASURE

A clinical practice guideline or other peer-reviewed synthesis of the clinical evidence

## NATIONAL GUIDELINE CLEARINGHOUSE LINK

- [Diagnosis and management of basic infertility.](#)

## Evidence Supporting Need for the Measure

### NEED FOR THE MEASURE

Unspecified

## State of Use of the Measure

### STATE OF USE

Current routine use

### CURRENT USE

Internal quality improvement

## Application of Measure in its Current Use

### CARE SETTING

Physician Group Practices/Clinics

### PROFESSIONALS RESPONSIBLE FOR HEALTH CARE

Physicians

### LOWEST LEVEL OF HEALTH CARE DELIVERY ADDRESSED

Group Clinical Practices

### TARGET POPULATION AGE

Unspecified

### TARGET POPULATION GENDER

Either male or female

## STRATIFICATION BY VULNERABLE POPULATIONS

Unspecified

### Characteristics of the Primary Clinical Component

## INCIDENCE/PREVALENCE

Unspecified

## ASSOCIATION WITH VULNERABLE POPULATIONS

Unspecified

## BURDEN OF ILLNESS

Unspecified

## UTILIZATION

Unspecified

## COSTS

Unspecified

### Institute of Medicine National Healthcare Quality Report Categories

## IOM CARE NEED

Getting Better

## IOM DOMAIN

Effectiveness

### Data Collection for the Measure

## CASE FINDING

Users of care only

## DESCRIPTION OF CASE FINDING

Couples presenting with infertility problems

Data is gathered by chart abstraction.

Data may be collected monthly or quarterly depending upon the volume of patients.

#### DENOMINATOR SAMPLING FRAME

Patients associated with provider

#### DENOMINATOR (INDEX) EVENT

Clinical Condition  
Encounter

#### DENOMINATOR INCLUSIONS/EXCLUSIONS

##### Inclusions

Number of women with a diagnosis of infertility\*

\*The denominator is couples with a diagnosis of infertility using a female infertility encounter as the index visit. Since there are problems with various types of coverage, the denominator is also restricted to those whose partners are also covered by the same contract, so that the couple can be tracked. Also, it is necessary to check whether or not there has been any previous experience of infertility within the previous 6 months so that only new work-ups are identified.

Identifier for females (International Classification of Diseases, Ninth Revision [ICD-9] codes):

- 628.x Infertility, female
- 256.x Ovarian dysfunction
- 614.x Inflammatory disease of the female pelvic organs and tissues
- 617.x (except 617.6) Endometriosis
- 625.0 Dyspareunia
- 625.1 Vaginismus
- V26.2 Procreative management

Occasionally the female visit will identify the male with the ICD-9 codes:

- 606.x Infertility, male
- 257.x Testicular dysfunction
- 456.4 Varicocele

Exclusions  
Unspecified

#### NUMERATOR INCLUSIONS/EXCLUSIONS

##### Inclusions

Number of partners assessed with semen analysis\*

\*The numerator is cases defined by International Classification of Diseases, Ninth Revision (ICD-9) or Current Procedure Terminology (CPT-4) code where the partner was assessed with an infertility semen analysis within 3 months of the female encounter.

Identifier for males (CPT-4 code):

- 89320 Semen analysis, complete

Gather this data by chart abstraction. In order to gather the data by abstraction, it is necessary to have within the female's chart some record of the partner's semen analysis, CPT-4 89320, that contains count, motility, morphology, and volume.

Exclusions  
Unspecified

#### DENOMINATOR TIME WINDOW

Time window is a single point in time

#### NUMERATOR TIME WINDOW

Fixed time period

#### DATA SOURCE

Medical record

#### LEVEL OF DETERMINATION OF QUALITY

Individual Case

#### PRE-EXISTING INSTRUMENT USED

Unspecified

### Computation of the Measure

#### SCORING

Rate

#### INTERPRETATION OF SCORE

Better quality is associated with a higher score

#### ALLOWANCE FOR PATIENT FACTORS

Unspecified

#### STANDARD OF COMPARISON

Internal time comparison

## Evaluation of Measure Properties

### EXTENT OF MEASURE TESTING

Unspecified

## Identifying Information

### ORIGINAL TITLE

Percentage of women treated for infertility where both partners are assessed during the basic infertility work-up.

### MEASURE COLLECTION

[Diagnosis and Management of Basic Infertility Measures](#)

### DEVELOPER

Institute for Clinical Systems Improvement

### ADAPTATION

Measure was not adapted from another source.

### RELEASE DATE

2003 Apr

### REVISION DATE

2004 Jul

### MEASURE STATUS

This is the current release of the measure.

This measure updates a previous version: Institute for Clinical Systems Improvement (ICSI). Diagnosis and management of infertility. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2003 Apr. 54 p.

### SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Diagnosis and management of basic infertility. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2004 Jul. 47 p. [85 references]

### MEASURE AVAILABILITY

The individual measure, "Percentage of women treated for infertility where both partners are assessed during the basic infertility work-up," is published in "Health Care Guideline: Diagnosis and Management of Infertility." This document is available from the [Institute for Clinical Systems Improvement \(ICSI\) Web site](#).

For more information, contact ICSI at, 8009 34th Avenue South, Suite 1200, Bloomington, MN 55425; phone: 952-814-7060; fax: 952-858-9675; Web site: [www.icsi.org](http://www.icsi.org); e-mail: [icsi.info@icsi.org](mailto:icsi.info@icsi.org).

## NQMC STATUS

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